

101584932

AP20 Rec'd PCT/PTO 05 JUL 2006

Docket No.: 4752-011

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :  
Toshihiko HIROOKA : Confirmation No.  
U.S. Patent Application No. *not yet assigned* :  
Filed: *herewith* :  
For: OPTICAL FOURIER TRANSFORM DEVICE AND METHOD

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of the above-identified application and readily available to the Examiner. Therefore it is believed that Applicants have met all requirements regarding duty of disclosure under 37 CFR 1.56. A copy of the foreign search report is attached for the Examiner's information. Acknowledgement and consideration of these documents are respectfully requested.

Respectfully submitted,

LOWE HAUPTMAN & BERNER, LLP

*Kenneth M. Berner*

Kenneth M. Berner  
Registration No. 37,093

1700 Diagonal Road, Suite 310  
Alexandria, Virginia 22314  
(703) 684-1111 KMB/iyr  
Facsimile: (703) 518-5499  
Date: July 5, 2006

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)</b>			ATTY. DOCKET NO. 4752-011	U.S. APPLICATION NO. <b>10/584932</b> Not yet assigned		
			APPLICANT Toshihiko HIROOKA			
			FILING DATE herewith	GROUP		
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes      No
	05-265057A	10-15-1993	JP			
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
	Mouradian L. Kh et al Spectro-Temporal imaging of Femtose cond Events, IEEE Journal of Quantum Electronics, vol. 36 No. 7 p. 795-801					
	Kolner, B.H. Space-Time Duality and the Theory of Temporal I maging, IEEE Journal of Quantum Electronics, vol. 30, No. 8 (1994) p. 1951-1963					
	Fermann M. E. et al Self-Similar Propagation and Amplificati on of Parabolic Pulses in Optical Fibers, Physical Review Letters, vol. 84 No. 26 (2000) p. 6010-6013					
	Anderson, D. et al. Wave-breaking-free pulses in nonlinear-optical fibers, J. Opt Soc. Am. B, Vol. 10., No. 7 (1993) p.1185-1190					
	Hirooka T. Nakazawa M. Parabolic pulse generation by use of a dispersion decreasing fiber with normal group-velocity dispersion, Optics Letters, Vol. 29, No. 5 (March 2004) p. 498-500					
	"Time-lens timing-jitter compensator in ultra long, haul DWDM dispersion managed solution transmissions" Lion F. Mollenauer and Chris Xu Optrical Society of America 2002					
	"Time domain Fourier optics for polarization mode dispersion compensation" M. Romagnoli et al Optrical Society of America 1999					
	"Timing jitter eater for oprical pulse trains" Leaf A. Jiang et al Research Institute of Electrical Communication, Tohoku University, Sendai 980-8577 Japan					
EXAMINER			DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.